## PTO/SB/05 (06-03) Approved for use through 07/31/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	1376US02
First Inventor	Agazzi
Title	SYSTEM AND METHOD FOR TRELLIS DECODING IN A MULTI-PAIR TRANSCEIVER SYSTEM
Express Mail Lahel No.	E1 848060066 US

(Only for new nonprovisional applications under 37 CFR 1.53(b))				Express N	EL 848969966 US						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					ADDRES	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
1. Submit an original and a duplicate for fee processing)			7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)								
	-	_	all entity status			8. Nucle				equence Submission	
		FR 1.27.	·		D 501		olicable, all ne			,	
3. 🖂		tion mangement ser re title of the		[ I otal	Pages <u>58</u> ]	a. Computer Readable Form (CRF)					
	-Cross Re	ference to Re	elated Application			b. Specification Sequence Listing on:					
	-Reference		Fed sponsored F e listing, a table,		outer	i. CD-ROM or CD-R (2 copies); or					
	-Backgrou	nd of the Inv	ention		•		ii. Paper	r			
,	-Detailed I	cription of the Description	Drawings (if file	·a)		с. Г	Statements	verifying	iden	tity of above copies	
	-Claim(s) -Abstract of	of the Disclos	ure							ICATION PARTS	
						9.	Assignmen	t Papers	(cov	er sheet & documents(s))	
4. 🛛	Drawing(	s) (35 U.S.	C. 113)	[Total S	heets <u>14</u> ]	10.	37 CFR 3.7 (when there				
5. Oath or	r Declara	tion		[Total \$	Sheets 2 ]	11.	English Tra	nslation I	Docu	ıment ( <i>if applicable</i> )	
a. Newly executed (original or copy)					12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations						
Ь. ⊠	Copy fro	m a prior a	pplication (37	CFR 1.63	3(d))	13. Preliminary Amendment					
_			risional with Bo			Return Receipt Postcard (MPEP 503)					
:	□ DE	I ETION OF	INIVENITORY	21		Certified Conv of Priority Document(s)					
i DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)				15. (if foreign priority is claimed)							
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				Nonpublication Request under 35 U.S.C. 122(b)  16. (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.							
. —						— Othors					
6 Application Data Sheet. See 37 CFR 1.76					17.		• • • • • • • • • • • • • • • • • • • •				
								rmation l	belo	w and in the first sentence of	
the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: ☑ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/858,990							: 09/858.990				
Prior applie					G. Lamarre		Art Unit: 2133				
For CONTIN	UATION O	R DIVISIONA	L APPS only: Th	e entire di	sclosure of th	e prior applic	ation, from whi	ch an oath		eclaration is supplied under Box	
			osure of the acc on when a portic							orporated by reference. The orts.	
				19. CC	RRESPON	DENCE AD	DRESS				
Custo	mer Num	ber:	23446	3			OR _	Corre	spor	idence address below	
Name					·-						
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Address											
City					State			Zip Cod	e		
Country					Telephone	312-775	-8000	Fax		312-775-8100	
Name (Prin	nt/type)	John A	. Wiberg	<u> </u>	Registra	tion No. (Atto	orney/Agent)	44,401			
Signature		40	X					Date	Ma	rch 11, 2004	



PTO/SB/17 (11-00)

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## FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)1076.00

Complete if Known					
Application Number	unassigned				
Filing Date	herewith				
First Named Inventor	Agazzi				
Examiner Name	unassigned				
Group Art Unit	unassigned				
Attorney Docket No.	13476US03				

	METH	OD OF PAY	MENT		FEE CALCULATION (co			CALCULATION (continued)			
1. ⊠ The C	ommissioner is	hereby authorized t	o charge indica	3. ADDITIONAL FEES							
	The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:				Large			Small ·			
Deposit				7		Entit		Entit			
Account		13-0017			Fee	Fee	Fee	Fee		Fee	
Number		Code	(\$)	Code	(\$)	Fee Description	Paid				
Deposit Account	McAr	drews Held &	Mallov		1051	130	2051	65	Surcharge - late filing fee or oath	<u> </u>	
Name	IVICATI	idiews ricid d	y		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
☑ Chai	ge Any Addition	nal Fee Required U	nder 37 CFR 1.	16 and 1.17	l				Silect.		
		all entity status.			1053	130	1053	130	Non-English specification		
	37 CFR 1.27				4040	0.500	4040	0.500			
2. ⊠ Paym	nt Enclosed:				1812 1804		1812 1804	2,520 920*	For filing a request for ex parte reexamination	$\vdash$	
☑ Chec	k 🔲 Credit Ca	ard Money Orde	er 🔲 Other		1604	920	1004	920	Requesting publication of SIR prior to Examiner action		
	FEE	CALCULAT	ION		1805	1,840	*1805	1,840*	Requesting publication of SIR after Examiner action		
1. BASIC FI					l						
	y Small Entity	For Description			1251	110	2251	55	Extension for reply within first month		
Fee Fe Code (\$		Fee Description		Fee Paid	1252	420	2252	210	Extension for reply within second month		
1001 77	•	Utility filing Fee		770.00	1253	950	2253	475	Extension for reply within third month		
				[770.00]	1254	.,	2254	740	Extension for reply within fourth month		
1002 34		Design filing Fee			1255	330	2255	1,005 165	Extension for reply within fifth month	<del></del>	
1003 53	0 2003 265	Plant filing fee		$\sqsubseteq$	1401	330	2401 2402	165	Notice of Appeal Filing a brief in support of an appeal	-	
1004 77	0 2004 385	Reissue filing fee	!		1402	290	2402	145	Request for oral hearing	<del></del>	
1005 16	0 2005 80	Provisional filing	fee		1451		1451	1510	Petition to institute a public use proceeding		
					1452	110	2452	55	Petition to revive - unavoidable		
			SUBTOTAL (	(1) (\$)770.00	1453		2453	665	Petition to revive - unintentional		
0. 51/2704.01	**** 5550				1501		2501	665	Utility issue fee (or reissue)		
2. EXTRA CI	AIM FEES				1502	480	2502	240	Design issue fee		
		Extra Claims	Fee from below	Fee Paid	1503	640	2503	320	Plant issue fee		
Total Claims	37 - 20** =		18.00 =	306.00	1460	130	1460	130	Petitions to the Commissioner		
	Ð/I-20 <b>-</b>	L/JX	10.00	500.00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Independent Claims	2 - 3** =	(0) x	86.00 =	0.00	1806	180	1806	180	Submission of Information Disclosure Strnt		
Multiple Depe		₩^	=	0.00	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
Large Enti	y Small Entity				1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		
Fee Fe Code (\$	Fee Fee	Fee Description			1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		
1202 1	•	Claims in excess	of 20		1801	770	2801	385	Request for Continued Examination (RCE)		
1201 8		Independent claims in excess of 3			1802	900	1802	900	Request for expedited examination of a design application		
1203 29	0 2203 145	03 145 Multiple dependent claim, if not paid		Other	Other fee (specify)						
1204 8	1204 86 2204 43 **Reissue independent claims over original patent						·				
1205 18	1205 18 2205 9 **Reissue daims in excess of 20 and over original patent										
SUBTOTAL (2) (\$)306.00					1						
**or number previously paid, if greater; For Reissues, see above			*Redu	ced by	Basic Fil	ing Fee F	Paid SUBTOTAL (3) (\$	)0.00			

SUBMITTED BY			. Complete (if applicable)
Name (Print/Type)	John A. Wiberg Registration No. (Attorney or Agent)	1,401 Telephone	312-775-8000
Signature	Shu & Olyman	Date	March 11, 2004

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